SHARED MEMORY ROUTER SYSTEM AND METHOD FOR NODE COMMUNICATION IN A DISTRIBUTED SYSTEM

Abstract of the Disclosure

Embodiments of the systems and methods provide the superior performance of high-speed distributed processing in a clustered system environment. The distributed computing system stores data tables or distributes jobs or tasks on multiple processors that execute on one or more nodes. For the case of multiple nodes, the nodes communicate over an inter-nodal communication link, for example, via a proprietary communication protocol, or alternatively via a standard protocol such as SQL database command protocol. By distributing the data storage and task processing over a potentially large number of processors and nodes, the distributed computing system returns processing results to the requestor in significantly reduced times as compared to conventional computing systems.

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